



VideoMate X100/X200

Start Up Guide

About This Guide

This manual tells you how to install and use your VideoMate PCI TV Tuner Card. For more information on using applications, please see the User's Guides in the programs, on the CDs, or at our website for the latest manuals <http://www.comprousa.com/download>.

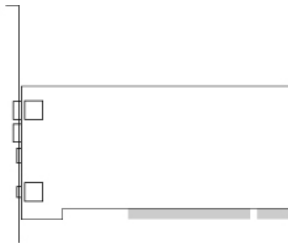
About VideoMate PCI TV Tuner Card

VideoMate TV lets you watch and record TV on your PC. It features an analog TV tuner and FM Tuner (X200 version only). VideoMate TV supports Digital Video Recording (DVR) functions, scheduled recording at anytime, crystal video quality, intelligent TV viewing, and Multi-function Remote Control. Additionally, VideoMate TV also provides a Video capture function so that you can transfer videos from video devices, such as video cameras, to your PC.

MINIMUM SYSTEM REQUIREMENTS

- 400 MHz Pentium II or equivalent CPU and 128 MB RAM for watching TV.
- 1.7 GHz Pentium 4 or equivalent CPU and 256 MB RAM for DVD recording.
- Sound card, Available PCI slot
- CD-ROM drive for software installation
- Windows XP, 2000 or above
- 50 MB free disk space for basic software installation.
- 600 MB (VCD-quality) to 3 GB (DVD-quality) per hour of recorded video.

VideoMate PCI TV Tuner Card Contents



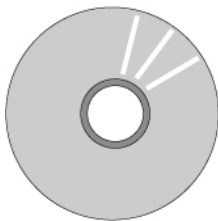
VideoMate PCI TV
Tuner card



Manual



Wireless Remote Control
(batteries included)



Software CD



IR Receiver

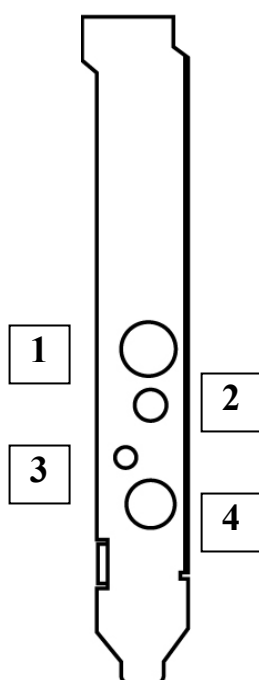


S-Video to
Composite cable



FM Antenna
(X200 only)

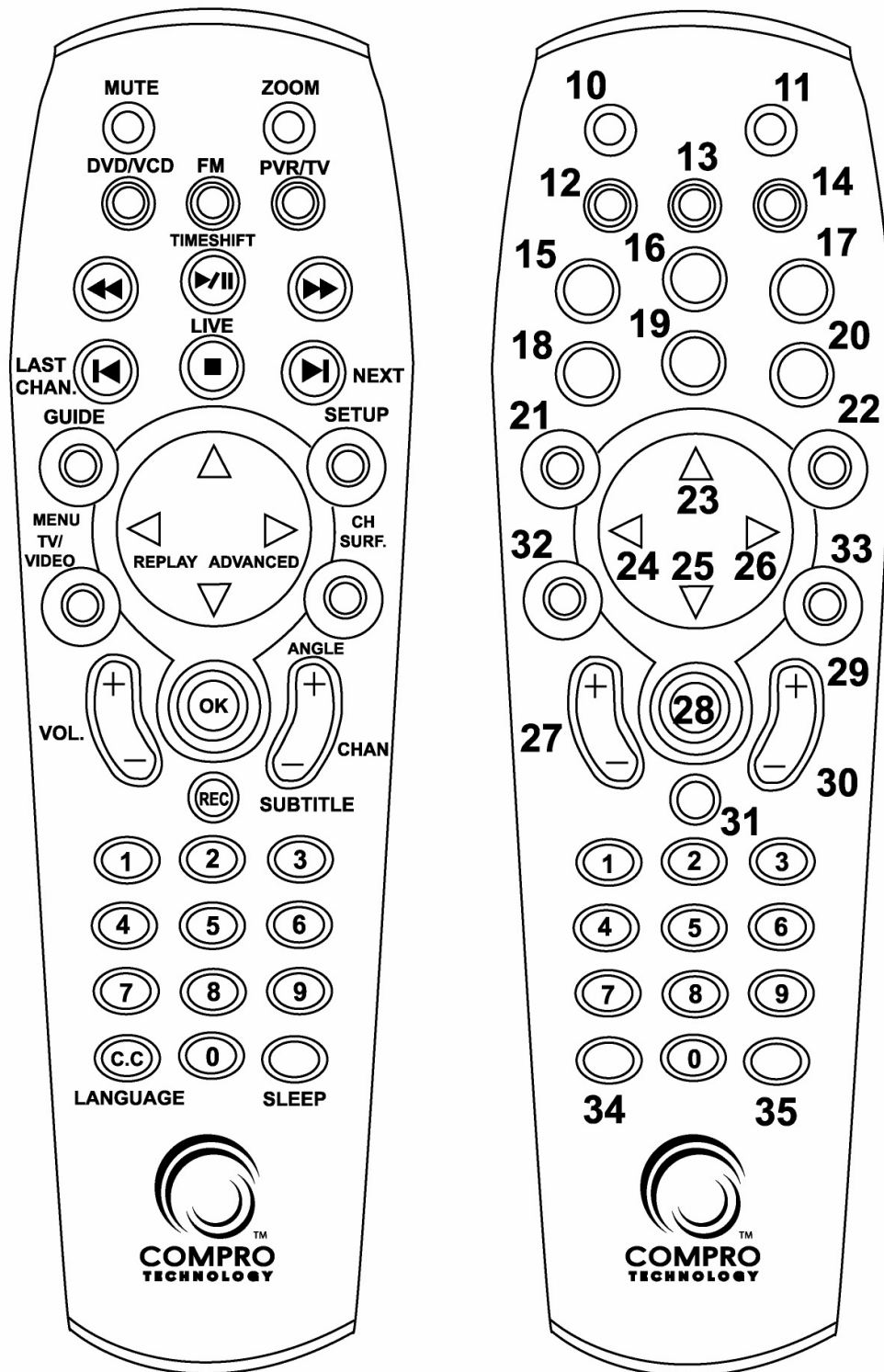
VideoMate PCI TV Tuner Card Connectors



Item	Function	Description
1	TV Tuner-In	Connect to a TV antenna or TV cable feed.
2	FM Tuner-In	Connect to a FM antenna or FM cable feed. (X200 version only)
3	IR	Connect the IR receiver here.
4	S-Video-In	Use a S-Video to Composite cable to connect to a video source. If your equipment has S-Video output and S-Video cable, you can directly connect to our card.

Remote Control Key Definition and Use

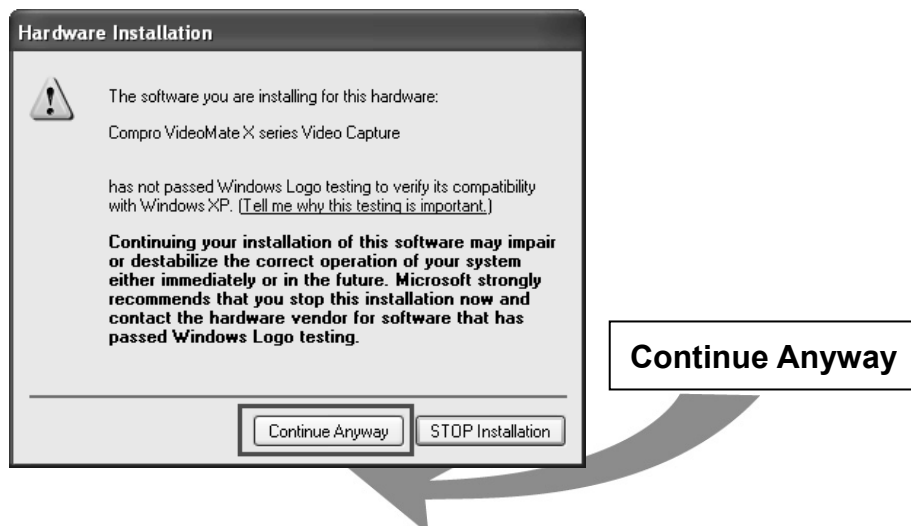
Please refer to the buttons and their corresponding function listed on the opposite page.



Key	ComproPVR 2	ComproFM 2 (X200 only)	ComproDVD 2
0-9	Number keys	Pre-set stations	Number keys
10	Mute sound	Mute	Mute sound
11	Zoom In/Out	Minimize/Maximize	Zoom In/Out
12	Start/Stop ComproDVD 2		
13	Start/Stop ComproFM 2 (if available)		
14	Start/Stop ComproPVR 2		
15	Replay	Rewind	Rewind
16	Pause or enable timeshifting	Play/Pause during playback	Play/Pause during playback
17	Advance	Forward	Forward
18	Previous channel	Jump to last station	Last chapter
19	Stop	Stop	Stop
20	Tab function	Not used	Next chapter
21	EPG (US only)	Open on-line help	Main manual
22	Open setup dialog	Open setup dialog	Open setup dialog
23	Up arrow or select Mono/Stereo/SAP	Up arrow	Up arrow
24	Replay or switch TV format	Scan down	Left arrow
25	Down arrow or snapshot	Down arrow	Down arrow
26	Advance	Scan up	Right arrow
27	Volume control	Volume control	Volume control
28	Open play list	Open play list	OK
29	Channel up	Station up	Choose DVD angle
30	Channel down	Station down	DVD subtitle select
31	Record	Record	Snapshot
32	TV/ S-Video/ Composite	Not used	Add to bookmark
33	Channel surfing	Not used	Go to bookmark
34	Not used	Enter frequency	Select language
35	Sleep function	Sleep function	AB repeat

Installation

- Step 1. Shut down your computer. Remove the computer case cover.
- Step 2. Insert VideoMate X100/X200 in an available PCI slot. Compro recommends installing the card in the fourth PCI slot from AGP away from the AGP slot.
- Step 3. Connect the Cable TV or TV antenna cable to the TV Tuner-In connector. Connect the supplied FM antenna to the FM-in connector (X200 version only). Adjust FM antenna for optimal reception
- Step 4. After restarting, Windows will detect your VideoMate TV card and start the Add/Remove Hardware Wizard, prompting you to install the VideoMate TV drivers. Please press **Cancel** and go to the next step.
- Step 5. Insert the installation CD into your CD drive. If you have Autorun enabled, the installer will start automatically. (If Autorun is disabled, double-click on "setup.exe" on the installation CD.) You can choose **Complete** to install all necessary software (VideoMate TV drivers, ComproPVR 2, ComproDVD 2, ComproFM 2, Ulead PhotoExplorer 8.5 SE) or choose **Custom** to select item by item. Compro recommends you choose **Complete**. ComproFM 2 is only for FM version only.
- Step 6. If you see the Windows Logo testing message, below, please press "Continue Anyway" to proceed.



- Step 7. Press **Next** to install ComproPVR 2, ComproDVD 2, ComproFM 2 (X200 only), Ulead PhotoExplorer 8.5 SE.
- Step 8. When installation completes, press **Finish** to restart computer.
- Step 9. Open ComproPVR to enjoy the show.

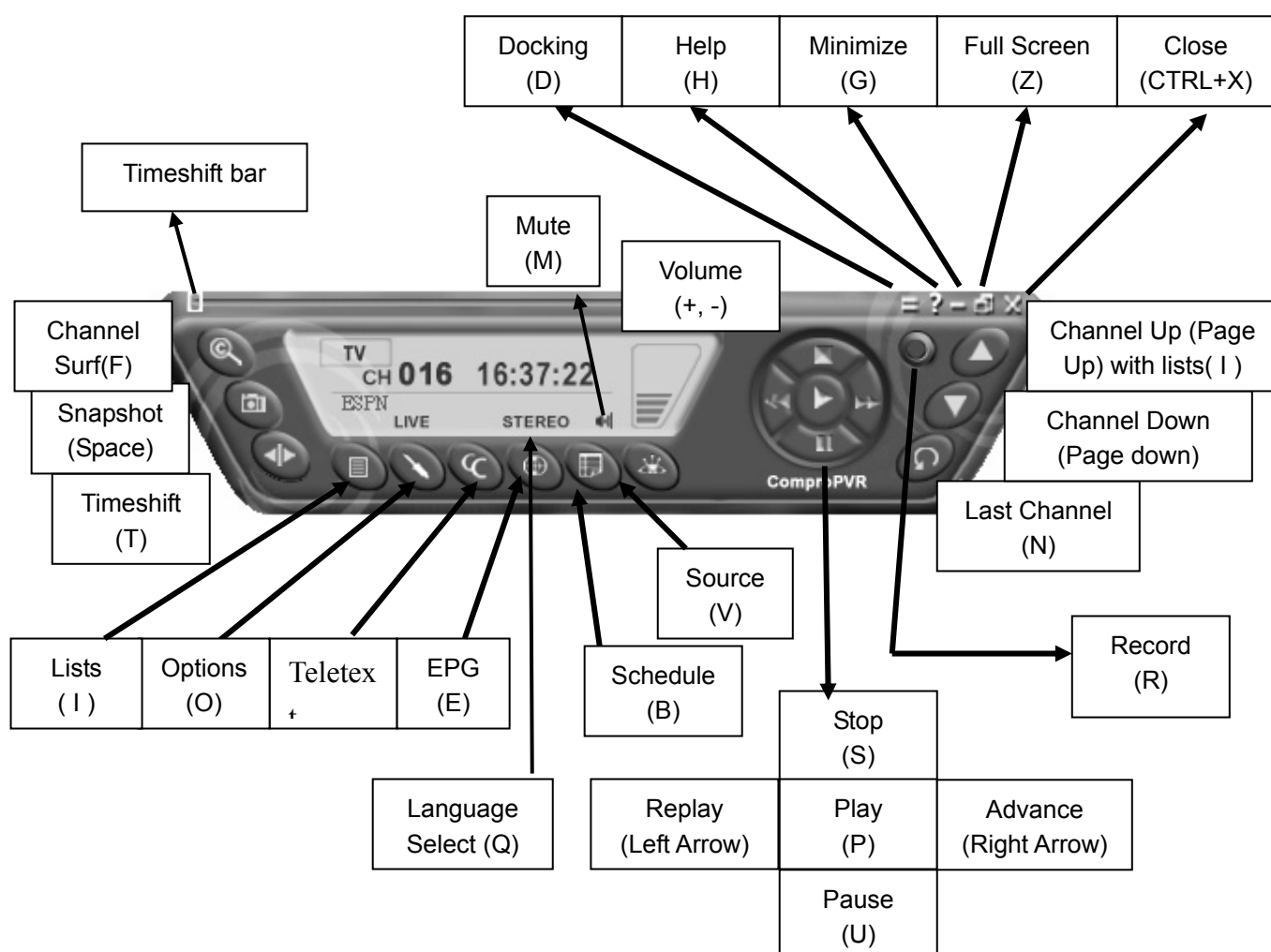
ComproPVR 2

Introduction

ComproPVR is a complete digital entertainment solution for your PC. Watch and record TV programs on your PC, in full-screen mode or in a window. Timeshifting lets you watch TV, pause live TV, or review your favorite scenes without missing a minute of the program. Integrated deinterlacing technology assures the highest picture quality. All this, with the universal remote control.

Control Panel

The ComproPVR control panel resembles the controls on a VCR. Keep in mind that not all options are available at all times, and may be grayed out or inaccessible depending on your hardware setup and TV services available. The following describe the ComproPVR control panel functions, and tips for using ComproPVR. The following figure gives you the function of the button with (Hot Key.)



Icon	HotKey	Description
	A	Enable/Disable Always-on-Top function for TV window.(Orange circle on the upper-right corner of the TV window)
n/a	L	Sleep function

Note: Language select is only available while the program supports it.

Watching

After installation, just press the PVR/TV button on the remote or double click the ComproPVR icon on the desktop you will be able to watch TV. Same as operating a normal TV set. Watch TV programs on your PC, in full-screen mode or in a window. Channel up and down. Close ComproPVR and even shutdown the computer with the full function remote control keypad.

Channel Surfing

While watching TV, the channel surfing feature displays a 4x4 grid of channel images to give you an overview of available programming.



Right-Click Mouse Menu

If using mouse to right-click on the TV screen, you can see a menu pop up. There are many useful options for your convenience.

Zooming image

If you would like to see more details on a certain part of a video image, you can press the mouse right button to drag a zone of the screen. You will see the zoomed image.

Also you can press the mouse right button and move on the screen to shift the zoomed area of the image. Just click the mouse left button to resume normal mode.

Still Image Capture

Click on the capture icon  on the control panel or hit the "Space Bar" of the keyboard shortcut to capture an image of the display window. You can see the screen capture dialog as below.



Recording

ComproPVR is a digital video recorder. ComproPVR can record full-motion video and audio from your video source and save it to your hard disk. ComproPVR supports MPEG-1, MPEG-2, MPEG-4 encoding, which saves disk space while providing high video quality.

To instantly start recording:

1. Press the **Record** button . ComproPVR starts recording the video source currently showing in the display window. It will save it to a file on your disk.
2. Press the Pause button  to pause the recording if you like. This is useful to skip recording the commercials.
3. Press the Stop button  to stop recording.
4. When you stop recording, ComproPVR prompts you to name the file containing the recorded video. Enter the name and press OK.

To playback the recorded file, press the **Play** button and select the file you wish to view.

Scheduled Recording

ComproPVR can be scheduled to record a TV program later or remind you of an upcoming program. The schedule can be set for a one-time or a recurring session. You can repeatedly record any regularly scheduled programming. Relax. Never miss your favorite shows.

Press the icon  to open the **Scheduled Recording** dialog box.

Timeshifting

Timeshifting lets you pause, replay, or skip commercials during live TV, without interrupting an ongoing recording session. Timeshifting gives you absolute control over how you watch television, like never before. For example, you watch your favorite sporting event, pause the live action and help yourself to an ice-cold beverage from the fridge.

Press the **Timeshifting**  button and the Time Monitoring bar will appear. (See below.)



The Time Monitoring bar informs you of how much of the timeshifting buffer is in use. You can also use your mouse to drag the Time Control Shuttle to jump to a specific time in the program.

You may also press the **Advance** (for commercial skip) and **Replay** (for instant replay) buttons on the control panel or remote control to navigate through the program.

Timeshifting temporarily saves the video to your hard disk for a specified period of time. When you return to your seat, you can resume viewing the program from the point when you left.

Options

You can press the Options  button to open the Options dialog box. You can change detail settings of ComproPVR here.

Remote Shut Down

There are two situations for the operation.

When not watching TV, i.e. no ComproPVR running:

Just press the SLEEP button on the lower-right corner on the remote keypad, you will see a dialog as shown below. Program will countdown 20 seconds to shutdown the computer. If you don't want to shut down the computer, please press the SLEEP button again, in other words, pressing the SLEEP key a second time is the same as pressing the "Cancel" button. You may also use your mouse to press the cancel button. Press OK to immediately shutdown the computer.

When watching TV, i.e. ComproPVR is running:

Just press the SLEEP button on the lower-right corner on the remote keypad repeatedly, you will see the text on the screen turns to SLEEP OFF, SLEEP ON - 30 MINUTES, SLEEP ON - 1 HOUR, SLEEP ON - 2 HOURS, and SHUTDOWN. When the text shows SHUTDOWN, the program will countdown 20 seconds to shutdown the computer. If you don't want to shutdown the computer, please press the SLEEP button again.

Note

This manual only provides basic information for the ComproPVR 2. For more information on using applications, please see the User's Guides in the programs, on the CDs, or at Compro website for the latest manuals.

ComproDVD 2

Introduction

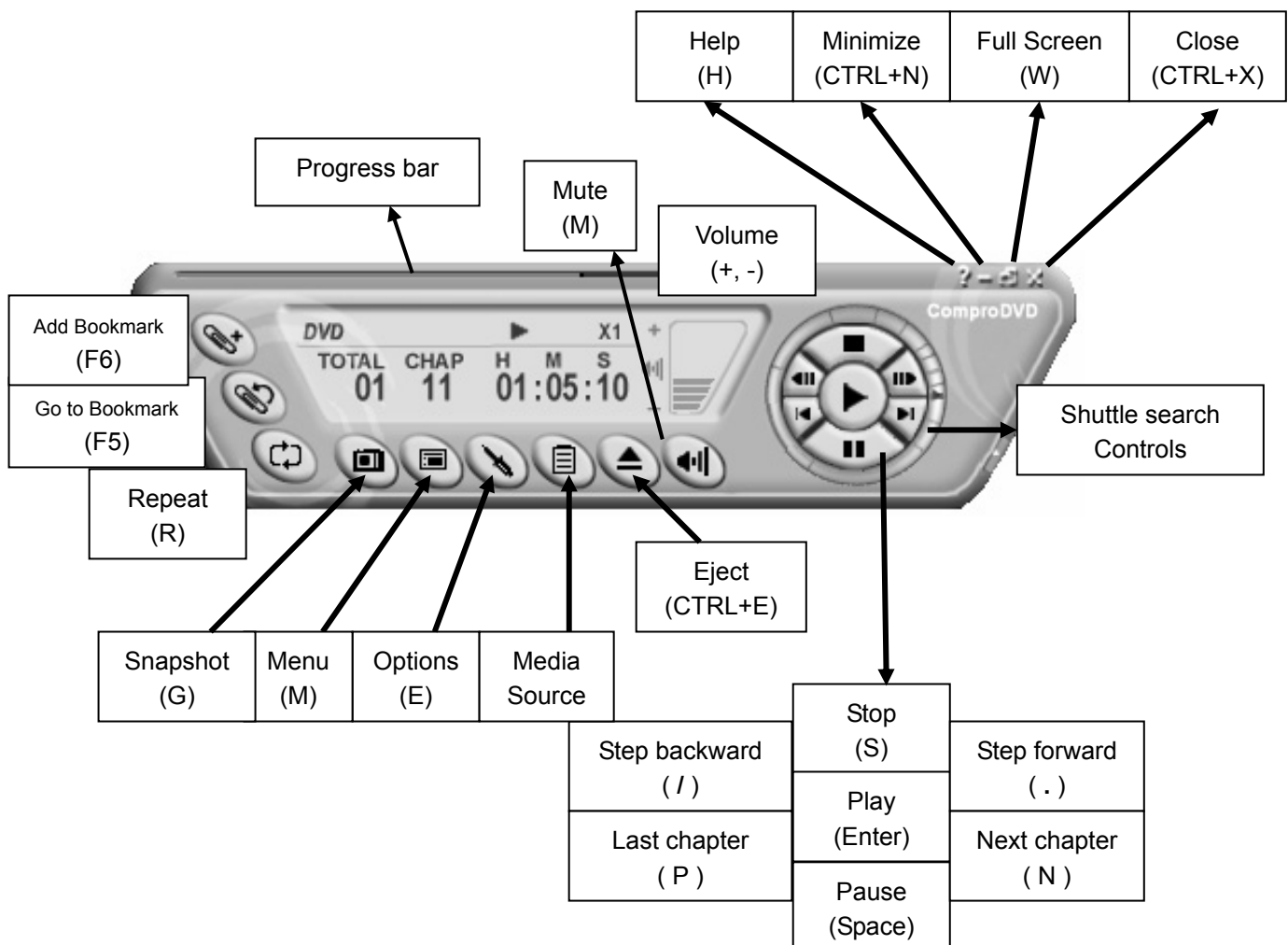
Stability, simplicity, and superiority. ComproDVD epitomizes these traits to the maximum and gives users all they wish for in a DVD player.

Note

This section provides basic information for ComproDVD. For more details, please check the help file of ComproDVD or the manual in the installation CD.

Control Panel

The following describe the ComproDVD control panel functions, and tips for using ComproDVD. The following figure gives you the function of the button with (Hot Key.)



ComproFM 2 (X200 only)

Introduction

ComproFM lets you enjoy FM radio programs on your PC. Listen to music or other programs while you work or browse the Internet.

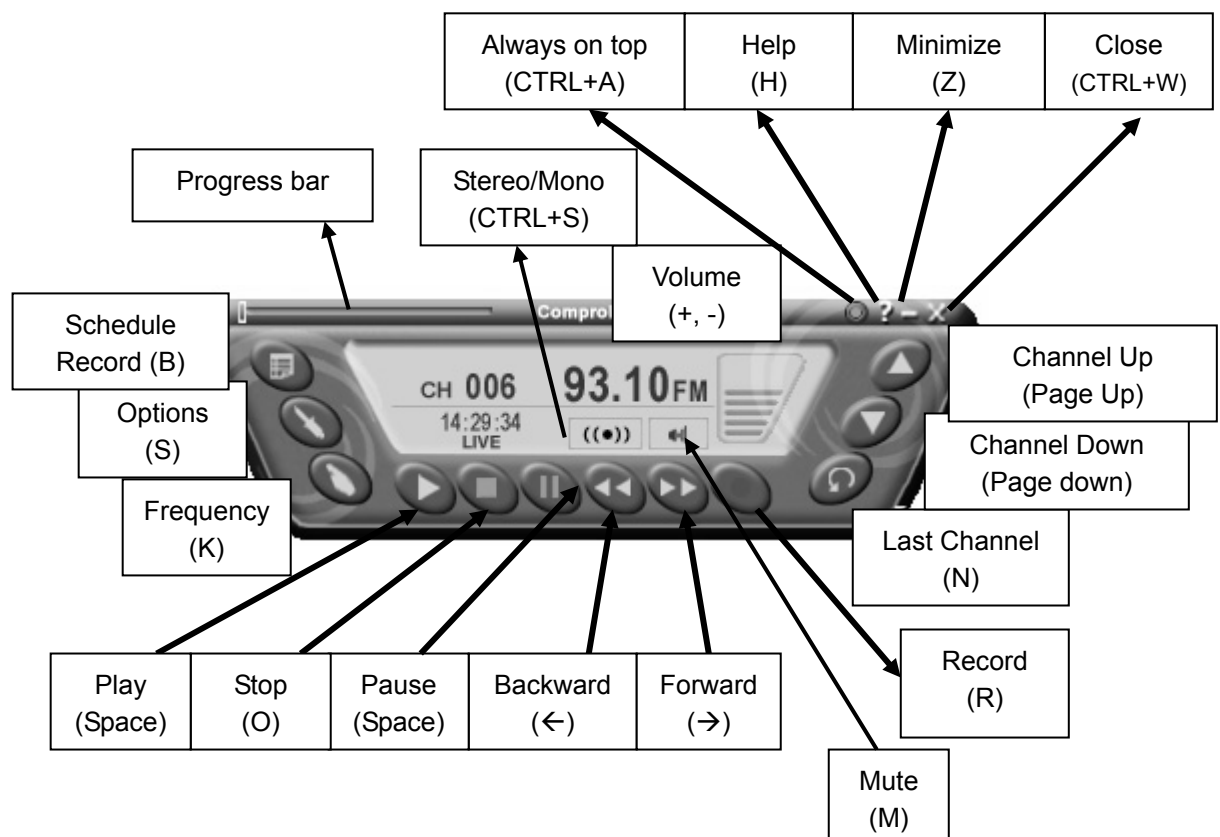
Note

The hardware needs to have FM tuner in order to use ComproFM.

This section provides basic information for ComproFM. For more details, please check the help file of ComproFM or the manual in the installation CD.

Control Panel

The following describe the ComproFM control panel functions, and tips for using ComproFM. The following figure gives you the function of the button with (Hot Key.)



Troubleshooting

OS requirement

VideoMate TV has to work on Windows XP / Windows 2000 or above OS. You are welcome to www.WindowsUpdate.com website for the Service Pack update of Microsoft.

Driver Installation

The most common cause of problems with the TV Tuner Card is incorrect installation of the TV capture and TV tuner drivers. If you have problems watching, recording, or timeshifting live TV, please check the status of the drivers with Device Manager.

You should see the following four drivers in the "Sound, video and game controllers" section of Windows Device Manager.:

"Compro VideoMate X series Audio Capture"

"Compro VideoMate X series AVStream Crossbar"

"Compro VideoMate X series Tuner"

"Compro VideoMate X series Video Capture "

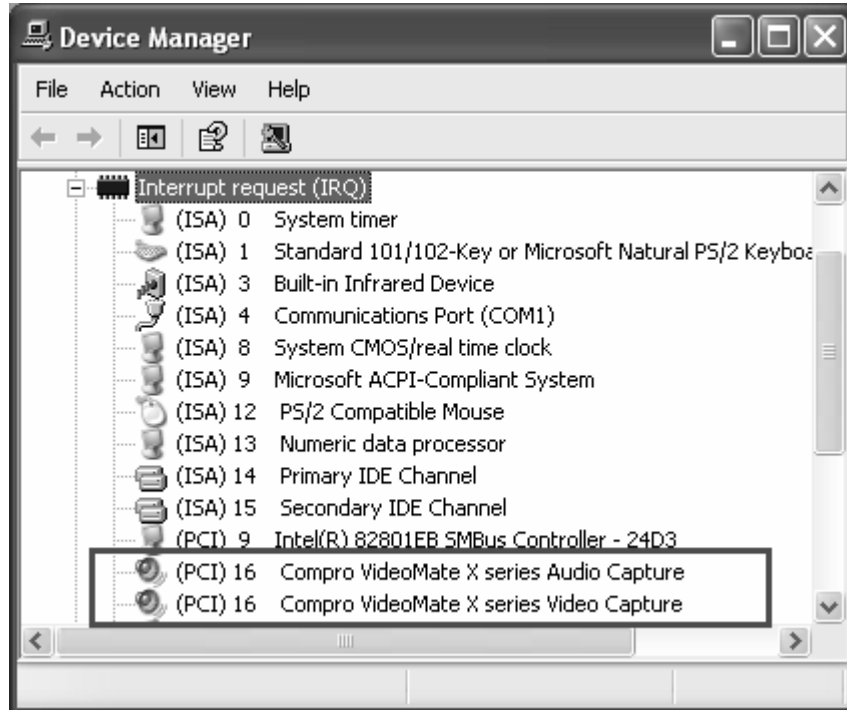


If these drivers are not there, uninstalling and reinstalling the VideoMate TV drivers can help. Use the Add/Remove Programs Control Panel applet to uninstall the drivers. Reinstalling the drivers should fix this problem.

If the problem persists, your problem could also be the result of an IRQ conflict. IRQ conflicts happen when other devices, e.g., network card or sound card, in

your computer share the same IRQ with your TV tuner card.

Use Device Manager to detect IRQ conflicts. In Device Manager, choose "View->Resource by type" and click on the "+" besides Interrupt request (IRQ). You should see the following.



For best performance, no device should share an IRQ with the VideoMate TV card.

If another device shares an IRQ with the TV tuner card, remove other PCI cards from your PC and insert TV card on the third or fourth slot from AGP only (if available). Then uninstall and reinstall the TV card driver. This usually solves the problem. If the problem persists, you should move the PCI TV Tuner card to another PCI slot.

After you are able to successfully use ComproPVR, install the other PCI devices one at a time. Restart your system and test ComproPVR after installing each card. Pay attention to the IRQ numbers of networking, sound, and SCSI cards. They should not share IRQs with the TV tuner card.

Audio OK / No Video

The main reason for this problem usually is the result of an IRQ conflict. Please see Driver Installation, above, to solve it.

Video OK / No Audio

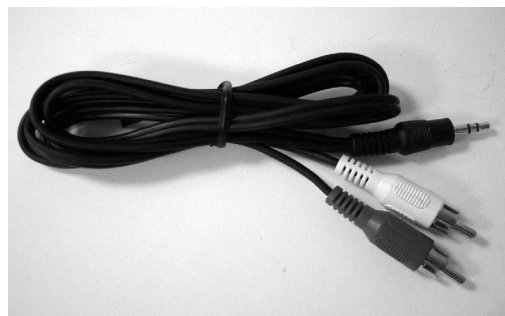
Make sure you choose “VideoMate X series Audio Capture” to be the Audio device in the System Device in Settings of ComproPVR.

Also check that the sound is not muted or volume is not too low in the Windows Volume Control dialog. (Double-click on the speaker icon in the system tray.)

Sometimes updating the sound card driver from vendor or TV card’s driver and application from our website may help as well.

How to recorded file from VCR?

Please plug VCR Composite video cable (yellow) into TV card yellow connector which is on the S-Video to Composite cable. Audio needs to connect to the Line-In port of your Sound card. You have to buy a converter (see the right) to transfer Composite Audio cable (red one and white one) into stereo jack.



Make sure you choose “Your Sound card” to be the Audio device in the System Device in Settings of ComproPVR. Also, the recording mixer should use “Line-In”

Why playback the recorded video has lags?

VideoMate PCI TV Tuner card needs CPU to do the encoding. Therefore, the lags is due to CPU fails to encode in real time. Usually, VCD quality needs about 900MHz CPU for recording while DVD quality needs about 1.7G CPU for recording. Press Ctrl + Alt + Del to check your CPU usage. If it reaches 100%, then the lag is inevitable.

Why does the remote control fail?

The remote control sensor, which is plugged into the TV card, may be loose. Please unplug it and plug it again. You should also check the batteries of the remote control. Do not use rechargeable batteries.

Verify that the  IR icon (ComproRemote) is in the system tray on the lower-right corner of the screen. If you don't have ComproRemote on the system tray, start the following program:

C:\Program Files\Common Files\VideoMate\ComproRemote.exe

Then you should see the icon on the system tray. The IR icon should turn bright when you press buttons on the remote. If you see no response, your IR drivers may not be properly installed. Please remove ComproPVR using "Add/Remove programs" in the Control Panel and reinstall it.

TV is not clear?

TV signal could be reduced by the branching. Please make sure the cable signal is good. Try to move the computer to a TV set and connect the cable which is being used for the TV set. Also directly connecting the cable before the splitter may help.

This problem could also come from with static. Once you connect the cable to our TV card, the static interfere the system. It's possible to correct this problem by connecting a wire from the grounding of the cable to ground. Also make sure computer grounding is good.

Contacting Compro Technical Support

Before you submit an email for support, please check support FAQs on our web site. <http://www.comprousa.com/support>

You can download the latest update from our website. Many issues should be solved on the newer version. When contacting Compro for technical support, please use the Compro support request form and provide as much of the requested information as possible. Please write the details in order to determine the problem. And also provide the product serial number (19 digits numbers) on the PCI card. Please use the form from <http://comprousa.com/support/form.htm>

or directly email to support@comprousa.com.

Make sure you include the information of hitting the button of "E-mail Info" in the System Device in Settings of ComproPVR in order to determine the problem. In order to solve the problem quickly, it is very important to provide as much detail regarding the problem as possible.

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